

Serial No. 10/699,460  
February 10, 2004  
Page 11 of 12

#### REMARKS/ARGUMENTS

Claims 1-68 are pending in this application. By this Preliminary Amendment, Applicants AMEND the Specification.

Applicants are amending portions of the Specification to correct minor typographic errors. For example, Applicants are replacing " $5 \times 10^{15} \text{ cm}^{-2}$  to about  $2 \times 10^1 \text{ cm}^{-2}$  (e.g., about  $1 \times 10^1 \text{ cm}^{-2}$ )" with " $5 \times 10^{15} \text{ cm}^{-2}$  to about  $2 \times 10^{16}$  $2 \times 10^4 \text{ cm}^{-2}$  (e.g., about  $1 \times 10^{16}$  $1 \times 10^4 \text{ cm}^{-2}$ )" in paragraph no. 188 bridging pages 79 and 80 of the originally filed Specification. The doses  $2 \times 10^1 \text{ cm}^{-2}$  and  $1 \times 10^1 \text{ cm}^{-2}$  are clearly typographical errors because it is standard practice to list numbers in a range in ascending order, because the dose  $1 \times 10^1 \text{ cm}^{-2}$  is not within the range about  $5 \times 10^{15} \text{ cm}^{-2}$  to about  $2 \times 10^1 \text{ cm}^{-2}$ , and because the doses  $2 \times 10^1 \text{ cm}^{-2}$  and  $1 \times 10^1 \text{ cm}^{-2}$  are too small to function as their intended purpose of being a dopant. The remaining amendments to the specification correct similar typographic errors. It is noted that the ranges corrected in this Preliminary Amendment are correctly listed in the Japanese Priority Application No. 2002-325677, a certified copy of which was filed with the application on November 3, 2003. Thus, Applicants respectfully submit that no new matter has been added by these amendments.

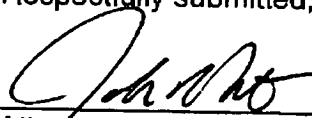
In view of the foregoing amendments and remarks, Applicants respectfully submit that this application is in condition for prompt consideration by the Examiner. Favorable consideration and prompt allowance are solicited.

Serial No. 10/699,460  
February 10, 2004  
Page 12 of 12

The Commissioner is authorized to charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 50-1353.

Respectfully submitted,

Date: February 10, 2004



Attorneys for Applicants

Joseph R. Keating  
Registration No. 37,368

Christopher A. Bennett  
Registration No. 46,710

**KEATING & BENNETT LLP**  
10400 Eaton Place, Suite 312  
Fairfax, VA 22030  
Telephone: (703) 385-5200  
Facsimile: (703) 385-5080